

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: Anthony Griffo, Gregory Thomas Lockwood, Mohammed Boudrare, and  
Jiaquing Yu

for *ROLLER CONE BITS WITH WEAR AND FRACTURE RESISTANT SURFACE*, the specification of  
which is being transmitted herewith.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
2. Identification of Person(s) Making This Information Disclosure Statement

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**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

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Express Mail certification is optional.)*

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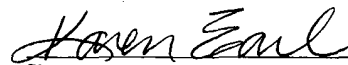
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**37 C.F.R. § 1.10\***

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Date: August 28, 2003

Karen Earl  
(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

**Section 1. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted**

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application SN.: 09/846,745, filed on May 1, 2001.

The following references were submitted to, and/or cited by, the Office in the prior application and, therefore, are not required to be provided in this application:

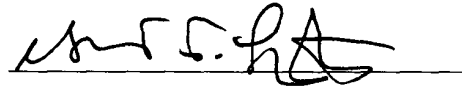
See attached copies of PTO-1449 and PTO-892 from 09/846,745.

**Section 2. Identification of Person Making This Information Disclosure Statement**

The person making this certification is:

- a. the practitioner who signs below on the basis of the information in the practitioner's file.

Date: 2/27/03



Grant T. Langton  
Registration No. 39,739  
JEFFER, MANGELS, BUTLER &  
MARMARO LLP  
Seventh Floor  
1900 Avenue of the Stars  
Los Angeles, CA 90067-4308  
310-203-8080  
Customer No. 24574

FORM PTO-1449  
AUG 08 2001  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(use as many sheets as necessary)

Attorney Docket Number 39583/GTL/S61  
Application Number 09/846,745  
Filing Date May 1, 2001  
Applicant(s) Zhigang Fang, et al.  
Group Art Unit 3673  
Examiner Name To be assigned

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mm	4,341,557	07/1982	Lizenby	75	223	
	4,428,906	01/1984	Rozmus	419	48	
	4,656,002	04/1987	Lizenby et al.	419	10	
	4,744,943	05/1988	Timm	419	10	
	4,944,774	07/1990	Keshavan et al.	51	309	
	4,945,073	07/1990	Dubensky et al.	501	93	
	5,663,512	09/1997	Schader et al.	75	239	
	5,880,382	03/1999	Fang et al.	75	236	
	5,921,330	07/1999	Sue et al.	175	374	
NA	6,063,502	05/2000	Sue et al.	428	469	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS**

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER SIGNATURE	<i>William B. M.</i>	DATE CONSIDERED	7/22/02
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**Notice of References Cited**Application/Control No.  
09/846,745Applicant(s)/Patent Under  
Reexamination  
FANG ET AL.Examiner  
William P NeuderArt Unit  
3672

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5879743 ✓	03-1999	Revankar	427/191
	B	US-5967248 ✓	10-1999	Drake et al	175/425
	C	US-6234261 ✓	05-2001	Evans et al	175/374
	D	US-0037200 A1 ✓	03-2002	Boyce	407/118
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
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	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.